

INTERNATIONAL SEARCH REPORT

10/528936
PCT/IB 03/04701

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/10 G11B20/00

Rec'd PTO 23 MAR 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 438 630 B1 (DEMONY MICHAEL A) 20 August 2002 (2002-08-20) column 2, line 51 -column 3, line 8 column 5, line 7 -column 14, line 20; claim 4; figures	1-10
X	US 5 944 792 A (AOKI HISAYUKI ET AL) 31 August 1999 (1999-08-31) column 4, line 13 -column 6, line 40 column 9, line 27 -column 10, line 3	1-10
A	US 6 178 480 B1 (GANG JR JOSEPH MARK ET AL) 23 January 2001 (2001-01-23) column 3, line 6 -column 3, line 15 column 7, line 17 -column 7, line 44	1-10

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

4 December 2003

Date of mailing of the international search report

21/01/2004

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INTERNATIONAL SEARCH REPORT

PCT/IB 03/04101

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6438630	B1	20-08-2002	AT	249706 T	15-09-2003
			AU	7990500 A	10-05-2001
			DE	60005204 D1	16-10-2003
			EP	1222812 A1	17-07-2002
			WO	0126361 A1	12-04-2001
US 5944792	A	31-08-1999	JP	2950223 B2	20-09-1999
			JP	9190293 A	22-07-1997
US 6178480	B1	23-01-2001	US	5732239 A	24-03-1998
			EP	0701198 A1	13-03-1996